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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/066,097	01/31/2002	Meichun Hsu	10007908-1	6024

7590 02/27/2007  
HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, CO 80527-2400

EXAMINER
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NGUYEN, TAN D

ART UNIT	PAPER NUMBER
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3629

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	02/27/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/066,097	<b>Applicant(s)</b> HSU ET AL.	
	<b>Examiner</b> Tan Dean D. Nguyen	<b>Art Unit</b> 3629	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 26 November 2006.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1,3-11,13-16 and 18-28 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,3-11,13-16 and 18-28 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### *Response to Amendment*

The amendment filed 12/26/06 has been entered. Claims 1, 3-10, 11, 13-16, 18-28 are pending and are rejected as followed. Claims 2, 12, and 17 have been cancelled.

### ***Claim Rejections - 35 USC § 103***

1. The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

2. Claims **1, 3-10, 21-26 (method), 11, 13-16, 18-20, 27-28 (apparatus)** are rejected under 35 U.S.C. 103(a) as obvious over Applicant's Admitted Prior Art (AAPA) in view of [www.google.com](http://www.google.com) (Jan. 19, 2001) (by [web.archive.org](http://web.archive.org)).

As for claim 1, as shown in the Background of the Invention, pages 2-4, AAPA discloses a method for publication and discovery of e-services provided by a business organization by the service provider organizations using the Registries system such as UDDI specification or BizTalk. The AAPA fails to disclose the use of discovery agent and a client agent to find the information about a business organization in another system.

Art Unit: 3629

On page 9, Www.google.com discloses a custom SiteSearch whereby award-winning easy search is provided on the organization website to enable customers, employees, and partners to find information they need about an organization, thus increasing sales and customer loyalty as well as reduce the demand for customer support. It would have been obvious to modify the searching using the UDDI or Biztalk system of AAPA with the search system of www.google.com to allow business partners to find information about their partner business service as taught by www.google.com to obtain the benefits cited above such as award-winning easy search and increasing sales and customer loyalty as well as reduce the demand for customer support. As for the term "discovery agent" and the "client agent", they are inherently included when the search provides result.

**As for dep. claim 3** (part of 1 above) which appear to be dealt with further limitation of the e-services, i.e. to be published in a location, this is taught in AAPA /www.google.com.

As for dep. claim 4 (part of 1 above) deal with well known search parameter, i.e. keywords, category, etc., these are taught in www.google.com, pages 3, 6-7.

As for dep. claims 5-7 (part of 1 above) deal with well known protocol features, these are inherently included in www.google.com, pages 3, 6-7. Moreover, the use of other well known protocol features would have been obvious as mere using other similar well known protocol features.

As for dep. claims 8-10 (part of 1 above) deal with well known information description on the Internet and wherein the information are about the e-services, these

Art Unit: 3629

are inherently or taught in [www.google.com](http://www.google.com), pages 3, 6-7. Moreover, the use of other well known protocol features would have been obvious as mere using other similar well known protocol features.

As for dep. claims 21-26 (part of 1 above) deal with well known searching parameters by the users/partners, i.e. keywords, category, etc., these are inherently included in the teachings of AAPA / [www.google.com](http://www.google.com), pages 3, 6-7.

**As for independent system Claim 11**, basically, this reads over the system to carry out the independent method claim 1 as cited above, and therefore, it's rejected over the respective system of AAPA / [www.google.com](http://www.google.com) used to carry out the rejection of method claim 1 cited above.

As for dep. claims 13-14 (part of 11 above) which appear to be dealt with further limitation of the discovery agent and the client agent, since these are passively written "are disposed", they are interpreted as being capable of and have very little patentable weight in a system claim. Moreover, these are taught in google.com as [www.google.com](http://www.google.com).

As for dep. claims 15-16 (part of 11 above) which appear to be dealt with further limitation of the discovery agent, these are taught in the searching engine of google.com as [www.google.com](http://www.google.com). Moreover, the use of other well known searching units/generators would have been obvious as mere using other similar well known protocol features.

Art Unit: 3629

As for dep. claims 18-20, 27-28 (part of 11 above) which basically have the similar limitations as in dep. claims 7-10, 21, respectively cited above, they are rejected for similar reasons as shown in dep. claims 7-10, 21 above.

***Response to Arguments***

3. Applicant's arguments, see amendment, filed 12/26/06, with respect to the rejection(s) of claim(s) 1-20 under 102/103 rejections have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made above.

No claims are allowed.

Art Unit: 3629

4. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through private PAIR only. For more information about the PAIR system, see <http://pair-direct@uspto.gov>. Should you have any questions on access to the private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll free).

In receiving an Office Action, it becomes apparent that certain documents are missing, e. g. copies of references, Forms PTO 1449, PTO-892, etc., requests for copies should be directed to Tech Center 3600 Customer Service at (571) 272-3600, or e-mail [CustomerService3600@uspto.gov](mailto:CustomerService3600@uspto.gov).

Any inquiry concerning the merits of the examination of the application should be directed to Dean Tan Nguyen at telephone number (571) 272-6806. My work schedule is normally Monday through Friday from 6:30 am - 4:00 pm. I am scheduled to be off every other Friday.

Should I be unavailable during my normal working hours, my supervisor John Weiss can be reached at (571) 272-6812.

The main FAX phone numbers for formal communications concerning this application are (571) 273-8300. My personal Fax is (571) 273-6806. Informal communications may be made, following a telephone call to the examiner, by an informal FAX number to be given.

dtn  
February 19, 2007



DEAN T. NGUYEN  
PRIMARY EXAMINER